

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	7	("4004510" "4369906" "4722275").pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/08 16:45
L2	9	"3020847"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/08 17:31
L3	37	700/126.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/08 17:33
L4	75	tension\$6 same (zone or span) same length same (strain\$5 or unstrain\$5 or un-strain\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/08 17:36
L5	22	tension\$6 same (zone or span) same length same (strain\$5 or unstrain\$5 or un-strain\$5) same position\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/08 17:42
L6	53	L4 not L5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/08 17:53
L7	600	"tension zone"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/08 17:54
L8	39	"tension zone" with length	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/08 18:01
L10	93	242/410.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/08 18:30

L11	7	700/122;226/24,42.ccls. and @pd>="20050101"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/08 18:47
L12	363	(strain\$5 with divid\$5 with length)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/08 18:47
L13	39	(strain\$5 with divid\$5 with length) same tension\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/08 18:48
S1	13	CLAUSEN-THOMAS-M CARLSON-DANIEL-H STRAND-JOHN-T	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/13 00:29
S2	86	CLAUSEN-THOMAS-DR CLAUSEN-THOMAS	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/13 00:36
S3	8422	3M-INNOVATIVE-PROPERTIES-CO 3M-INNOVATIVE-PROPERTIES-CO MPANY 3M-INNOVATIVE-PROPERTIES	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/13 00:43
S4	950	(3M-INNOVATIVE-PROPERTIES-C O 3M-INNOVATIVE-PROPERTIES-CO MPANY 3M-INNOVATIVE-PROPERTIES) and tension	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/13 00:43
S5	1322	(3M-INNOVATIVE-PROPERTIES-C O 3M-INNOVATIVE-PROPERTIES-CO MPANY 3M-INNOVATIVE-PROPERTIES) and (tension or strain)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/13 00:45
S6	605	(3M-INNOVATIVE-PROPERTIES-C O 3M-INNOVATIVE-PROPERTIES-CO MPANY 3M-INNOVATIVE-PROPERTIES) and (tension or strain) and web	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/13 00:44

S7	349	(3M-INNOVATIVE-PROPERTIES-C O 3M-INNOVATIVE-PROPERTIES-CO MPANY 3M-INNOVATIVE-PROPERTIES) and (tension or strain) and web and roller	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/13 00:44
S8	340	(3M-INNOVATIVE-PROPERTIES-C O 3M-INNOVATIVE-PROPERTIES-CO MPANY 3M-INNOVATIVE-PROPERTIES) and (tension or strain) and web and roller and (add\$6 or subtract\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/13 01:51
S9	164	(3M-INNOVATIVE-PROPERTIES-C O 3M-INNOVATIVE-PROPERTIES-CO MPANY 3M-INNOVATIVE-PROPERTIES) and ((tension or strain) near2 (calculat\$5 or determin\$5 or detect\$5 or measure\$5 or sens\$5 or gauge))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/13 00:54
S10	88	(3M-INNOVATIVE-PROPERTIES-C O 3M-INNOVATIVE-PROPERTIES-CO MPANY 3M-INNOVATIVE-PROPERTIES) and ((tension or strain) near2 (control\$5))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/13 00:59
S11	137	(3M-INNOVATIVE-PROPERTIES-C O 3M-INNOVATIVE-PROPERTIES-CO MPANY 3M-INNOVATIVE-PROPERTIES) and (tension or strain).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/13 01:00
S12	212	700/122.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/13 01:53

S13	267	((3M-INNOVATIVE-PROPERTIES-C O 3M-INNOVATIVE-PROPERTIES-CO MPANY 3M-INNOVATIVE-PROPERTIES) and (tension or strain) and web and roller and (add\$6 or subtract\$6)) not (((3M-INNOVATIVE-PROPERTIES-CO CO 3M-INNOVATIVE-PROPERTIES-CO MPANY 3M-INNOVATIVE-PROPERTIES) and ((tension or strain) near2 (calculat\$5 or determin\$5 or detect\$5 or measure\$5 or sens\$5 or gauge))) or ((3M-INNOVATIVE-PROPERTIES-C O 3M-INNOVATIVE-PROPERTIES-CO MPANY 3M-INNOVATIVE-PROPERTIES) and ((tension or strain) near2 (control\$5))) or ((3M-INNOVATIVE-PROPERTIES-C O 3M-INNOVATIVE-PROPERTIES-CO MPANY 3M-INNOVATIVE-PROPERTIES) and (tension or strain).ab.))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/13 01:51
S14	52	700/122.ccls. and (tension or strain)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/13 01:53
S15	420	(web with (tension or strain)) same (velocity or speed) same roller same position	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/13 17:53
S16	90	(web with (tension or strain)) same (velocity or speed) same roller same position same length	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/13 19:38
S17	35	web same (tension or strain) same ((velocity or speed) near2 roller) same ((position or angle or encoder) near2 (wheel or roller))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/13 19:58

S18	581	"tension zone"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/13 22:31
S19	154	"tension zone" and web	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/13 22:31
S20	107	"tension zone" and web and (speed or velocity)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/13 22:31
S21	91	"tension zone" and web and (speed or velocity) and (position or angle or encoder)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/13 23:18
S22	511	(tension and control\$6 and web). ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/13 23:18
S23	177	(tension and control\$6 and web). ti. and (speed or velocity).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/13 23:19
S24	56	(tension and control\$6 and web). ti. and (speed or velocity).ab. and (position or angle or encoder).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/13 23:19
S25	1020	"position sensor" same tension	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/14 18:46
S26	59	"position sensor" same tension same web	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/14 19:11
S27	460	"position sensor" with tension	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/14 19:11

S28	55	("position sensor" with tension) and web	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/14 19:19
S29	29	"position sensor" with tension with (calculat\$5 or determine or compute or computed or computing)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/14 19:32
S30	4231	(tension near2 (calculat\$5 or determine or compute or computed or computing))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/14 19:33
S31	67	(tension near2 (calculat\$5 or determine or compute or computed or computing)) same (roller with (position or angle or encoder))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/14 19:47
S32	1353	tension with function with position	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/14 22:47
S33	110	tension with function with position with roller	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/14 23:06
S34	412	((("position sensor" or encoder) with roller) same tension	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/14 23:18
S35	178	((("position sensor" or encoder) near3 roller) same tension	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/14 23:07
S36	12	((("position sensor" or encoder) with roller) same (tension near3 (calculat\$5 or determin\$5 or function or compute or computing or computed))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/14 23:09
S37	53	((("position sensor" or encoder) with roller) same tension same web	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/14 23:44

S38	36	calculat\$5 with tension with function with (position or angle)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/14 23:32
S39	581	"tension zone"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/14 23:44
S40	6	"tension zone" same (encoder or ((position or angle) near sens\$5))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/14 23:45
S41	9	("3914668" "3982160" "4012134" "4126817" "4696439" "4801853" "4989112" "5039027" "5275351").PN.	USPAT	OR	ON	2004/09/15 01:14
S42	0	"6068206".URPN.	USPAT	OR	ON	2004/09/15 01:15
S43	1133	calculat\$5 near tension	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/15 22:34
S44	10	(calculat\$5 near tension) same (encoder or "position sensor")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/15 23:15
S45	5	(calculat\$5 near tension) same ("speed sensor" or "velocity sensor")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/15 23:17
S46	72	(calculat\$5 near tension) with (length)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/15 23:17
S47	5	(calculat\$5 near tension) with (length) with (add\$6 or subtract\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/15 23:18
S48	32	"tension zone" with (add\$6 or subtract\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/15 23:57

S49	38	"tension zone" with length	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/15 23:57
S50	589	226/24,42.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/16 02:25
S51	201	226/24,42.ccls. and tension	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/16 02:25
S52	4	700/122;226/24,42.ccls. and @pd>="20040915"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/05 00:23
S53	27	("4182168" "5628227" "4102183" "4487079" "5019017" "4566340" "5159841" "5225785" "5257550" "6122978" "6250146" "6360596" "6517679").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/05 00:24